

Name _____

Class _____

Teacher _____

Date _____

6.RP.1

=====

In a sports equipment locker, there are 81 balls and 45 baseball mitts. How is the ratio of balls to baseball mitts expressed in simplest form?

- A 9:5
- B 10:18
- C 10:5
- D 9:18

Ray took a survey about how people in his class got to school. 18 students walked and 6 students took the yellow bus. Which statement correctly explains the ratio of walking students to bus students and is expressed in simplest form?

- A For every 18 students that walk, there are 6 students that take the bus.
- B For every 6 students that take the bus, there are 18 students that walk.
- C For every 3 students that walk, there is 1 student that takes the bus.
- D For every 1 student that takes the bus, there are 3 students that walk.

Kevin is making cookies for his wife. He needs to use 4 cups of flour and 2 cups of sugar for the recipe. Which statement correctly explains the ratio of flour to sugar if Kevin only makes half the recipe?

- A For every 2 cups of sugar, there is 1 cup of flour.
- B For every 1 cup of sugar, there are 2 cups of flour.
- C For every 1 cup of flour, there are 2 cups of sugar.
- D For every 2 cups of flour, there is 1 cup of sugar.

6.RP.2

Kathryn paid \$75 for 15 hamburgers. How much did she spend for 1 hamburger?

- A \$70
- B \$3
- C \$5
- D \$50

Jack can ride his bike 20 miles in 4 hours. How many miles does he ride in 1 hour?

- A 16 miles
- B 5 miles
- C 24 miles
- D 2 miles

I'm having a party. The rate of tacos to people is 48 to 6. What would that be expressed as a unit rate?

- A 8:1
- B 6:48
- C 1:8
- D 48:6

6.RP.3b

If it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours?

- A 57
- B 175
- C 28
- D 20

Jess can drive 360 km in 6 hours. At this rate, how far does she travel in one hour?

- A 60 km
- B 120 km
- C 62 km
- D 61 km

Maria bought 8 cans of soda for \$5.20. How much did 1 can cost?

- A \$ 0.55
- B \$ 0.60
- C \$ 0.65
- D \$ 0.70

6.RP.3a

There are 5 players per team. Use the table below to answer each of the following questions.

Players	5	10	A	25
Team	1	2	3	B

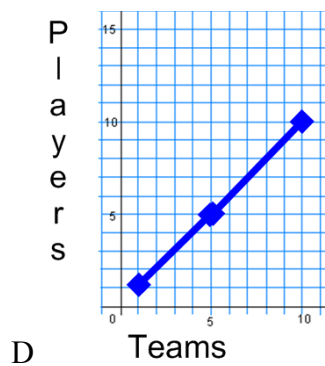
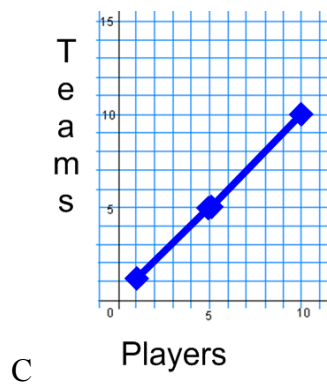
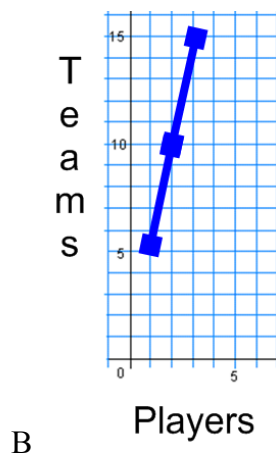
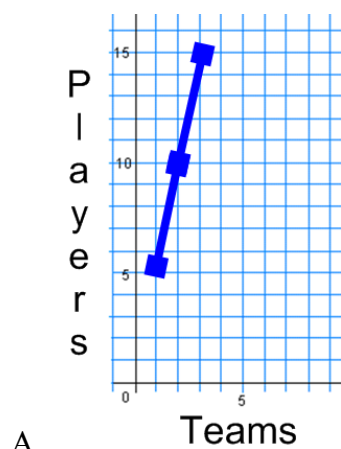
How many players will be in box “A” in the table above?

- A 6
- B 5
- C 15
- D 20

How many teams should there be for box “B”?

- A 4
- B 6
- C 20
- D 5

Which figure shows the data plotted correctly?



6.RP.3c

What percent is 12 out of 25?

- A 20%
- B 13%
- C 48%
- D 37%

What is 40% of 30?

- A 120
- B 70
- C 10
- D 12

30% of the students in Ms. Byrne's class like chocolate ice cream. How many students are in Ms. Byrne's class if 6 students like ice cream?

- A 20
- B 36
- C 5
- D 24

6.RP.3d

There are 12 inches in 1 foot. How many inches are in 4 feet?

- A 3
- B 48
- C 8
- D 144

There are 4 quarts in a gallon. How many quarts are in 20 gallons?

- A 80
- B 24
- C 16
- D 5

There are 2 cups in a pint. There are 2 pints in a quart. How many cups are in 7 quarts?

- A 28
- B 4
- C 14
- D 3